Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 20 Dec 2023 until 23:59 on Thursday 21 Dec 2023

Forecast Issued on Tuesday 19 Dec 2023 at 09:43

Confidence: High confidence for windy and unsettled conditions through the week, confidence lowering into the weekend.

Headline for Wednesday 20 Dec 2023: Wet and very windy throughout the day.

Mountain weather hazards on Wednesday 20 Dec 2023

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
Low Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Partly cloudy (night)	Partly cloudy (night)	Heavy Rain	Light rain	Light rain	Light rain	Light rain
Precipitation probability							
60%	30%	30%	80%	80%	80%	60%	40%

Forecast for Wednesday 20 Dec 2023

Weather: Frequent heavy showers during the early hours of Wednesday, easing off for a time before widespread low cloud and rain soon pushes in from the northwest. Rain heavy at first but easing during the morning, however persisting through the rest of the day, accompanied by very strong winds throughout. Rain turning patchy into the evening.

Chance of cloud-free hill tops above 800m: 30-40% during the early hours, soon reducing to 10-20% around dawn.

Low cloud and visibility: Few or scattered cloud base 600-800m during the overnight period, becoming widespread 500-700m around dawn, persisting through the day. Visibility moderate in rain or showers, poor in hill fog.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Wednesday 20 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	47/58 W	46/57 W	41/50 W	44/54 W	48/60 W	47/59 W	45/57 W	46/59 W	49/64 W
600	38/50 W	37/49 W	31/42 W	35/46 W	37/50 W	35/48 W	33/47 W	35/49 W	37/54 W
300	15/40 W	15/39 W	12/34 W	13/36 W	15/40 W	15/39 W	14/38 W	16/40 W	17/43 W
Valley	14/37 W	13/36 W	11/31 W	12/34 W	14/38 W	13/35 W	14/35 W	15/37 W	16/37 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-9	1/-8	1/-7	3/-6	3/-5	4/-4	4/-4	4/-4	4/-4
600	3/-5	3/-4	4/-3	4/-2	5/-2	6/-1	6/-0	6/-0	6/-0
300	5/1	6/2	6/2	6/3	7/3	7/4	8/4	8/4	8/4
Valley	7/4	8/5	8/5	8/5	8/5	9/6	9/6	9/6	10/6
Freezing Level*	1000m	1100m	1100m	1400m	1500m	1600m	1700m	1700m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very strong winds, particularly at height, will hamper progress.

Forecast for Thursday 21 Dec 2023

Weather: Mainly light rain will continue through the overnight period into Thursday, clearing to the south through the early part of the morning. It will be drier and brighter behind with sunny spells and just a few showers.

Maximum wind: Westerly 20-30 mph gusting 50-60 mph, easing a little into the evening and veering northwesterly.

Chance of cloud-free hill tops above 800m: 20-30% during the overnight period, increasing 80-90% early Thursday.

Low cloud and visibility: Scattered or broken 500-700m, soon clearing south. Few 700-800m possible behind. Visibility moderate in rain otherwise good.

Temperature: **Valleys:** Plus 8 to 10 Celsius
At 800m: Plus 5 falling to 2 Celsius later
Freezing level: Above summits, falling to 1000m during the afternoon

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 19 December 2023. Location: Halls Fell (Blencathra) summit at 12:13. Full report: A cooler and drier day than of late, however, strong to gale-force winds were still a feature and were estimated to be in the region of 50-60 mph at times, particularly during the morning. The Lakeland fells are by and large snow-free, albeit apart from a few insignificant snow patches which remain above 800m on and around Helvellyn and its surrounding fells on north and east-facing slopes. Tomorrow's forecast is for another wet day with heavy rain and further strong winds. Anyone heading up high tomorrow should be prepared for challenging conditions. Full winter clothing (waterproofs, extra warm layers, hat and gloves), a map, compass, and headtorch are all essential. Temperature: plus 1.4 C, Maximum wind speed 34.8 mph, Wind chill: minus 4.5 C, Average wind speed: 22.7 mph

Issued at: 0943 on Tue 19 Dec 2023

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